

Converting Colors

YUV(163.7310, 1.1186,
-32.2131)

Have a look what the booklet for
YUV(163.7310, 1.1186, -32.2131)
contains.

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Color

**YUV(163.7310, 1.1186,
-32.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB6A6
RGB	127, 182, 166
RGB Percent	50%, 71%, 65%
CMY	0.5020, 0.2863, 0.3490
CMYK	0.30, 0.00, 0.09, 0.29
HSL	163°, 27%, 61%
HSV	163°, 30%, 71%
XYZ	32.3633, 40.7211, 42.2306
YIQ	163.7310, -27.6440, -16.6360

Conversions

Conversions Part 2

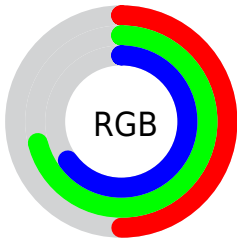
Format	Color
RYB	127, 159, 182
Decimal	8369830
CIELab	69.98, -21.46, 2.39
CIElCh	70, 21.589, 173.652
Yxy	40.7211, 0.2807, 0.3531
Android (android.graphics.Color)	4286559910 (0xFF7FB6A6)
YUV	163.7310, 1.1186, -32.2131
Hunter-Lab	63.8131, -21.1453, 5.4318

Details

The YUV color $163.7310, 1.1186, -32.2131$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $145.2690, -1.1186, 32.2131$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.0190, 0.9766, -33.3427$, and $111.4430, 1.2606, -31.0835$ is the 20% darker color. If you saturate the color by 10%, you get $157.7790, 1.5880, -42.7792$, and if you desaturate by 10%, it is $169.6830, 0.6493, -21.6470$.

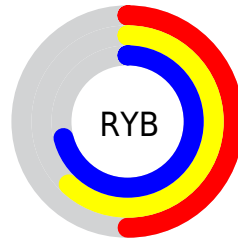
Distribution



Red (50%)

Green (71%)

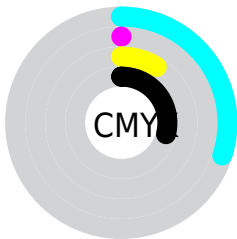
Blue (65%)



Red (50%)

Yellow (62%)

Blue (71%)

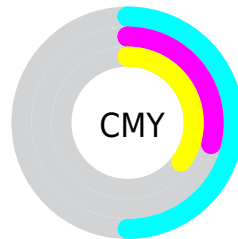


Cyan (30%)

Magenta (0%)

Yellow (9%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7310, 1.1186, -32.2131 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 163.7310, 1.1186, -32.2131 by changing the saturation by 10% instead.

■ 163.7310, 1.1186,
-32.2131

■ 163.7310, 1.1186,
-32.2131

■ 255.0000, 0.0000,
0.0000

■ 137.1440, 1.4080,
-31.6983

■ 219.0190, 0.9766,
-33.3427

■ 111.4430, 1.2606,
-31.0835

■ 240.6760, 4.5967,
-27.7799

■ 86.2580, 1.8448,
-31.7983

■ 249.9170, 2.5059,
-10.4512

■ 61.3720, 2.2816,
-31.8982

■ 37.8880, 3.0132,
-33.2278

■ 23.2810, 0.3545,
-20.4174

■ 0.0000, 0.0000,

0.0000

■ 163.7310, 1.1186,
-32.2131

■ 163.7310, 1.1186,
-32.2131

■ 157.7790, 1.5880,
-42.7792

■ 169.6830, 0.6493,
-21.6470

■ 151.7130, 1.6205,
-53.2453

■ 175.7490, 0.6167,
-11.1809

■ 145.4620, 2.2372,
-64.4262

■ 182.0000, 0.0000,
0.0000

■ 139.5100, 2.7066,
-74.9923

■ 187.9520, -0.4693,
10.5661

■ 133.5580, 3.1759,
-85.5584

■ 193.9040, -0.9387,
21.1322

■ 127.4920, 3.2084,
-96.0245

■ 199.9700, -0.9712,
31.5983

■ 121.5400, 3.6778,
-106.5906

■ 205.9220, -1.4405,
42.1644

■ 206.7910, 0.5960,
42.2793

■ 207.4750, 3.2168,
41.6794

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.7840, -9.2605, -16.4736



163.7310, 1.1186, -32.2131



162.7220, 11.4761, -40.9752

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



163.7310, 1.1186, -32.2131



172.1580, 17.1771, -2.7696



172.3490, -15.9481, 28.6349

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



163.7310, 1.1186, -32.2131



145.2690, -1.1186, 32.2131

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



173.9180, -8.8336, 33.3979



163.7310, 1.1186, -32.2131



174.0310, 9.8447, 15.7588

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



163.7310, 1.1186, -32.2131



168.5360, 20.4418, -23.2721



174.1160, 0.9288, 28.8393



170.4740, -18.9677, 17.1243

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



163.7310, 1.1186, -32.2131



163.4000, 16.5648, -39.8158



174.1160, 0.9288, 28.8393



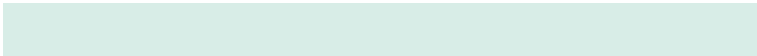
172.6420, -13.6275, 31.0090

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



163.7310, 1.1186, -32.2131



230.0370, 0.4748, -12.3104



164.3680, -18.4224, -17.8627



115.6570, 0.1691, -7.5922



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



163.7310, 1.1186, -32.2131



208.7350, 1.6096, -49.7566



159.0980, 11.2907, -28.1499



88.9670, 0.0163, -5.2331



104.1120, 2.9028, -91.3062



18.7160, 0.6330, -16.4139

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



145.2690, -1.1186, 32.2131



180.2650, -1.6096, 49.7566



149.9020, -11.2907, 28.1499



85.9190, -0.4531, 5.3330



51.7740, -3.3396, 91.4062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 163.7310, 1.1186, -32.2131 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 163.7310, 1.1186, -32.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

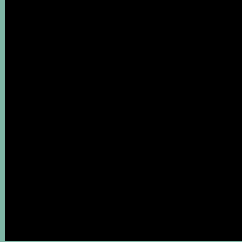
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.7310, 1.1186, -32.2131

Background



This preview shows how black text looks on a background with the YUV color 163.7310, 1.1186, -32.2131.



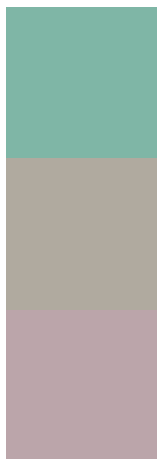
This preview shows how white text looks on a background with the YUV color 163.7310, 1.1186, -32.2131.

-32.2131.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

163.7310, 1.1186, -32.2131

Protanopia

170.5400, -5.6892, 4.7884

Deuteranopia

172.1480, -1.0590, 13.0252



Tritanopia

166.1410, 12.7485, -29.0647

Trichromacy



Original Color

163.7310, 1.1186, -32.2131

Protanomaly

167.8480, -2.8831, -8.6367

Deuteranomaly

168.9780, 0.0108, -3.4887

Tritanomaly

165.1040, 8.8227, -29.9092

Monochromacy



Original Color

163.7310, 1.1186, -32.2131

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.3360, 0.3274, -11.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7310, 1.1186, -32.2131 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 182, 166)` looks like.

```
.text, #text, p{  
    color:rgb(127, 182, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 182, 166) }
```

Border

The CSS property to change the border of an element to YUV 163.7310, 1.1186, -32.2131 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 182, 166) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(127, 182, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(127, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(127, 182,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 163.7310, 1.1186, -32.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 182, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127,  
182, 166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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